As a below named inventor, I hereby declare that:

This declaration	IS	oī	the	TOHC	wing	type:

[ X ]	orıgınal
[]	divisional
[]	continuation
[]	continuation-in-part

# INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

## ENHANCED REMOTE PLASMA CLEANING

#### SPECIFICATION IDENTIFICATION

The specification of which:

[X] [ ]	us attached hereto was filed on date herewith; or	, under Application No	, executed on even
	[ ] Express Mail No.	(as Application No. not y	yet known)
	and was amended on	(if applicable)	
[]	was described and claimed	in PCT International Application No.	filed on
	and as a	mended under PCT Article 19 on	•

# ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

#### PRIORITY CLAIM (35 U.S.C. §119)

least or foreign at least	ne country oth application(s) one country of	er tha ) for p other t	nventor's certificate or of a n the United States of Ameriatent or inventor's certificate han the United States of Am the application(s) of which i	ca listed below, and have or any PCT international erica filed by me on the s	e also identified below any l application(s) designating
	[X] No s	such a	oplications have been filed.		
	[ ] Such	n appli	cations have been filed as fo	ollows:	
A.	_		application(s) filed within 1 aims under 35 U.S.C. §119	2 mos. (6 mos. for desig	n) prior to this application,
	Country/PC	CT	Application No	Date Filed	Priority Claimed
		:			[ ] Yes [ ] No [ ] Yes [ ] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this

U.S. application

Country:

Application No:

Filing date:

# PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[X] No such ap	plications have been fi	led		
[ ] Such applie	cations have been filed.	, as follows:		
	_		Status	
Application No.	Filing Date	Patented	Pending	Abandoned

Ĭ

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Registration No. 28,041 Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Michael B. Einschlag Registration No. 29,301 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 John R. Schiffauer Registration No. 32,170 Joseph Bach Registration No. 37,771 Sarah J. Brashears Registration No. 38,087 Robert W. Mulcahy Registration No. 25,436 Robert C. Colwell Registration No. 27,431 William L. Shaffer Registration No. 37,234 Roger T. Barrett Registration No. 41,599 Patrick M. Boucher Registration No. 44,037 Douglas M. Hamilton Registration No. 47,629 Send correspondence to: Direct telephone calls to: Patent Counsel, MS/2061 Douglas M. Hamilton Legal Affairs Dept. (303) 571-4000 Applied Materials, Inc.

P.O. Box 450A

Santa Clara, CA 95052

# **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fi	irst inventor: THOMA	AS NOWAK	
Inventor's signature:		Date:	
Residence:	Cupertino, CA 95014		
Post Office Address:	20677 Forge Way #217, 0	Cupertino, CA 95014	
	United States	Country of Citizenship:	United States
Full name of second in	nventor: IAN LATCHFO	RD	
Inventor's signature:		Date:	
Residence:	Sunnyvale, CA 94087		
Post Office Address:	1207 Sesame Drive, Sunn	iyvale, CA 94087	
	United States	Country of Citizenship:	Great Britain

ij
F.
SAR. Tener
Acres de la constante de la co
Series of the se
į al
Spirit.
Źķ:
i sar i sar
See and
į,
Team.
NAME NAME
des)

Full name of third inv	entor: TSUTOMU TANAKA	
Inventor's signature:	Date:	7-13-01
Residence: Post Office Address:	Santa Clara, CA 95051 744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature: Residence:	Date:	
Post Office Address:		Korea
Full name of fifth inve	entor: PING XU	
Inventor's signature: Residence: Post Office Address:	Date: Fremont, CA 94539 48888 Crown Ridge Common, Fremont, CA 94539	
Tost Office Address.	United States Country of Citizenship:	China
Full name of sixth inv	entor: JASON FOSTER	
Inventor's signature: Residence:	Date:	
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenship:	United States
Full name of seventh i	inventor: HEATH B. DESHONG	
Inventor's signature:	Date:	
Residence: Post Office Address:	Livermore, CA 94550 663 Bethal Place, Livermore, CA 94550 United States Country of Citizenship:	United States
Full name of eighth in	ventor: MARTIN SEAMONS	
Inventor's signature:	Date:	•
Residence: Post Office Address:	San Jose, CA 95123 374 Brookmere Drive, San Jose, CA 95123 United States Country of Citizenship:	

As a below named inventor, I hereby declare that:

This declarati	on is of	the fol	lowing	type
----------------	----------	---------	--------	------

[X]	original
[]	divisional
[]	continuation
[]	continuation-in-part

# INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# TITLE OF INVENTION

#### ENHANCED REMOTE PLASMA CLEANING

## SPECIFICATION IDENTIFICATION

The specification of which:

[X] [ ]	us attached hereto was filed on date herewith; or	, under Application No	, executed on even
	[ ] Express Mail Noand was amended on	(as Application No. not yet (if applicable)	known)
[]		n PCT International Application Nomended under PCT Article 19 on	filed on

# ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

application(s) for patent or inventor's certificate or of any PCT international application(s) designating at
least one country other than the United States of America listed below, and have also identified below any
foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating
at least one country other than the United States of America filed by me on the same subject matter having
a filing date before that of the application(s) of which priority is claimed.
$[X]$ $X_1, \dots, X_{r-1}, \dots, X_r$

	[X] No such applications have been filed.								
	[ ] Such applications have been filed as follows:								
A.		application(s) filed within all aims under 35 U.S.C. §11		design) prior to this application,					
	Country/PCT	Application No	Date Filed	Priority Claimed					
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No					
B.	All foreign applic U.S. application	ration(s), 1f any, filed more	than 12 mos. (6 mos	s for design) prior to this					
	Country: Application No: Filing date:								
		PRIORITY CLAII	M (35 U.S.C. §120)						
PCT in as the s in the r to disc there is to allow	subject matter of eact matter of eact manner provided by lose information the substantial likelihow the application to	ion(s) designating the Unite the of the claims of this applie the first paragraph of Title at is material to the examination od that a reasonable Examination.	d States of America ti cation is not disclose 35, United States Conation of this applica niner would consider urred between the fili	hay United States application(s) or hat is/are listed below and, insofar d in that/those prior application(s) ode, §112, I acknowledge the duty ition (namely, information where it important in deciding whether ing date of the prior application(s)					
		applications have been filed ications have been filed, as							
	Application No.	Filing Date		tatusAbandoned					

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Registration No. 28,041 Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Michael B. Einschlag Registration No. 29,301 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 John R. Schiffauer Registration No. 32,170 Joseph Bach Registration No. 37,771 Sarah J. Brashears Registration No. 38,087 Robert W. Mulcahy Registration No. 25,436 Robert C. Colwell Registration No. 27,431 William L. Shaffer Registration No. 37,234 Roger T. Barrett Registration No. 41,599 Patrick M. Boucher Registration No. 44,037 Douglas M. Hamilton Registration No. 47,629 Send correspondence to: Direct telephone calls to: Patent Counsel, MS/2061 Douglas M. Hamilton Legal Affairs Dept. (303) 571-4000 Applied Materials, Inc. P.O. Box 450A

Santa Clara, CA 95052

Evil name of sale on first inventory

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

1

run name of sole of f	ist inventor: THOMA	15 NOWAK		
Inventor's signature: Residence:	Cupertino, CA 95014	Date:		
Post Office Address:	20677 Forge Way #217, Ounited States	Cupertino, CA 95014 Country of Citizenship:	United States	
Full name of second in	nventor: IAN LATCHFO	RD		
Inventor's signature:	Sympassala CA 04007	Date:		
Residence: Post Office Address:	Sunnyvale, CA 94087 1207 Sesame Drive, Sunn United States	yvale, CA 94087	Great Britain	

Full name of third inventor:	TSUTOMU TANAKA

Inventor's signature:	Da	ite:	
Residence: Post Office Address:	Santa Clara, CA 95051 744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizenshi	ip:	Japan
Full name of fourth in	ventor: BOK HEON KIM		
Inventor's signature: Residence: Post Office Address:	San Jose, CA 95129 4241 Norwalk Drive, #208, San Jose, CA 95129 United States Country of Citizenshi	_	Korea
Full name of fifth inve	entor: PING XU		
Inventor's signature: Residence: Post Office Address: Full name of sixth inventor	Da Fremont, CA 94539 48888 Crown Ridge Common, Fremont, CA 9453 United States Country of Citizenshi entor: JASON FOSTER	39	China
Inventor's signature: Residence: Post Office Address:	Santa Clara, CA 95051 3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenshi	_	United States
Full name of seventh i	nventor: HEATH B. DESHONG	rp.	Officed States
Inventor's signature: Residence:	Da Livermore, CA 94550	ıte: _	
Post Office Address:	663 Bethal Place, Livermore, CA 94550 United States Country of Citizenshi	ip:	United States
Full name of eighth in	ventor: MARTIN SEAMONS		
Inventor's signature: Residence: Post Office Address:	Martin J. Learner Da San Jose, CA 95123 374 Brookmere Drive, San Jose, CA 95123		,
	United States Country of Citizenshi	in <sup>.</sup>	United States

As a below named	inventor, I	hereby	declare	that
------------------	-------------	--------	---------	------

Tino uccia	ianon is	or me	following	type.

[ X ]	original
[]	divisional
[]	continuation
П	continuation-in-part

#### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

# ENHANCED REMOTE PLASMA CLEANING

#### SPECIFICATION IDENTIFICATION

The specification of which:

[X] [ ]	is attached hereto was filed on	, under Application No.	, executed on even
	date herewith; or		
	[ ] Express Mail No.	(as Application No. no	ot yet known)
	and was amended on	(if applicable)	,
[]	was described and claimed i	n PCT International Application No.	filed on
	and as a	mended under PCT Article 19 on	•

# ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

Application No.

Filing Date

least of foreign at least	one country other than application(s) for part one country other	or inventor's certificate or of a an the United States of Ameri patent or inventor's certificate than the United States of American f the application(s) of which p	or any PCT international erica filed by me on the	e also identified below any l application(s) designating
	[X] No such a	applications have been filed.		
	[ ] Such app	lications have been filed as for	ollows:	
A.		Capplication(s) filed within 1 claims under 35 U.S.C. §119	2 mos. (6 mos. for desig	n) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
В.	All foreign applic U.S. application	eation(s), If any, filed more th	an 12 mos. (6 mos for de	esign) prior to this
	Country: Application No: Filing date:			
		PRIORITY CLAIM	(35 U.S.C. §120)	
PCT in as the in the to disc there is to allo	nternational applicate subject matter of each manner provided by close information the substantial likelihow the application to	under Title 35, United States ion(s) designating the United Sch of the claims of this applicate the first paragraph of Title 35 at is material to the examinate ood that a reasonable Examinissue as a patent) which occur international filing date of this	States of America that is/a tion is not disclosed in the 5, United States Code, §1 tion of this application (a ter would consider it impred between the filing date	are listed below and, insofar at/those prior application(s) 12, I acknowledge the duty namely, information where portant in deciding whether
		applications have been filed lications have been filed, as f	ollows:	

\_Status\_\_\_\_ Pending

Abandoned

Patented

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Registration No. 28,041 Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Michael B. Einschlag Registration No. 29,301 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 John R. Schiffauer Registration No. 32,170 Joseph Bach Registration No. 37,771 Sarah J. Brashears Registration No. 38,087 Robert W. Mulcahy Registration No. 25,436 Robert C. Colwell Registration No. 27,431 William L. Shaffer Registration No. 37,234 Roger T. Barrett Registration No. 41,599 Patrick M. Boucher Registration No. 44,037 Douglas M. Hamilton Registration No. 47,629 Send correspondence to: Direct telephone calls to: Patent Counsel, MS/2061 Douglas M. Hamilton Legal Affairs Dept. (303) 571-4000

Legal Affairs Dept.
Applied Materials, Inc.

P.O. Box 450A

Santa Clara, CA 95052

# DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Ī

Full name of sole or f	irst inventor: THOM.	AS NOWAK		
Inventor's signature: Residence:	Cupartino CA 05014	Date:		
Post Office Address:	Cupertino, CA 95014 20677 Forge Way #217,	Cupertino CA 95014		*
	United States	Country of Citizenship:	United States	
Full name of second in	nventor: IAN LATCHFO	DRD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Sun	nyvale, CA 94087		
	United States	Country of Citizenship:	Great Britain	

Inventor's signature:		Date:	
Residence:	Santa Clara, CA 95051		
Post Office Address:	744 Nicholson Avenue, Santa Clara, C		
	United States Country o	f Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIM		
Inventor's signature:		Date:	
Residence:	San Jose, CA 95129		
Post Office Address:	4241 Norwalk Drive, #208, San Jose,		
	United States Country o	f Citizenship:	Korea
Full name of fifth inve	ntor: PING XU		
Inventor's signature:		Date:	
Residence:	Fremont, CA 94539		
Post Office Address:	48888 Crown Ridge Common, Fremon		OI.
	United States Country o	f Citizenship:	China
Full name of sixth inve	entor: JASON FOSTER		
Inventor's signature:		Date:	
Residence:	Santa Clara, CA 95051	0.50.54	
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA	X 95051	
1 050 011100 1 tauress.	United States Country of	f Citizenship:	United States

Inventor's signature: Livermore, CA 94550 Date: Residence:

Post Office Address: 663 Bethal Place, Livermore, CA 94550

United States

Country of Citizenship: United States

Full name of eighth inventor: MARTIN SEAMONS

Inventor's signature: Date: Residence: San Jose, CA 95123

Post Office Address: 374 Brookmere Drive, San Jose, CA 95123

United States Country of Citizenship: United States

1

#### COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type	T	his	dec.	laration	IS	of	the	fol	lo	W1	ng	ty	pe	2
---	---	-----	------	----------	----	----	-----	-----	----	----	----	----	----	---

[X]	original
[]	divisional
[]	continuation
[ ]	continuation-in-part

#### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# TITLE OF INVENTION

#### ENHANCED REMOTE PLASMA CLEANING

#### SPECIFICATION IDENTIFICATION

The specification of which:

[X]	is attached hereto		
[]	was filed on	, under Application No.	, executed on even
	date herewith; or		
	[ ] Express Mail No	(as Application No. not ye	et known)
	and was amended on	(if applicable)	
[]	was described and claimed i	n PCT International Application No	filed on
	and as a	mended under PCT Article 19 on	

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

least of foreign at least	ne country other that application(s) for p cone country other t	in the United States of Anotatent or inventor's certific	nerica listed below, ar cate or any PCT intern America filed by me o	onal application(s) designating at and have also identified below any national application(s) designating on the same subject matter having .
	[X] No such a	pplications have been file	ed.	
	[ ] Such appl	ications have been filed a	as follows:	
A.		application(s) filed with laims under 35 U.S.C. §1		design) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
B.	All foreign application	ation(s), if any, filed more	e than 12 mos. (6 mos	s for design) prior to this
	Country: Application No: Filing date:			
		PRIORITY CLA	IM (35 U.S.C. §120)	
PCT in as the s in the r to disc there is to allow	ternational applications to the subject matter of each manner provided by lose information that is substantial likelihow the application to it anational or PCT in	on(s) designating the Unit h of the claims of this app the first paragraph of Titlat is material to the exampod that a reasonable Example as a patent) which octernational filing date of	ed States of America t lication is not disclose e 35, United States Co ination of this applica miner would consider courred between the fil this application.	ny United States application(s) or hat is/are listed below and, insofared in that/those prior application(s) ode, §112, I acknowledge the duty ation (namely, information where it important in deciding whether ing date of the prior application(s)
		pplications have been file ications have been filed,		
			S	tatus
	Application No.	Filing Date	<u>Patented</u>	<u>Pending</u> <u>Abandoned</u>

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Michael L. Sherrard Registration No. 28,041 Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Michael B. Einschlag Registration No. 29,301 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 John R. Schiffauer Registration No. 32,170 Joseph Bach Registration No. 37,771 Sarah J. Brashears Registration No. 38,087 Robert W. Mulcahy Registration No. 25,436 Robert C. Colwell Registration No. 27,431 William L. Shaffer Registration No. 37,234 Roger T. Barrett Registration No. 41,599 Patrick M. Boucher Registration No. 44,037 Douglas M. Hamilton Registration No. 47,629 Send correspondence to: Direct telephone calls to: Patent Counsel, MS/2061 Douglas M. Hamilton Legal Affairs Dept. (303) 571-4000

Applied Materials, Inc.

P.O. Box 450A

Santa Clara, CA 95052

# **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Ĭ

Full name of	sole or	first inventor:
--------------	---------	-----------------

THOMAS NOWAK

Inventor's signature:		Date:		
Residence: Post Office Address:	Cupertino, CA 95014 20677 Forge Way #217, United States	Cupertino, CA 95014 Country of Citizenship:	United States	*
Full name of second is	nventor: IAN LATCHFO	DRD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Sun	nyvale, CA 94087		
	United States	Country of Citizenship:	Great Britain	

. Full name of third inventor:

Full name of third inv	ventor: TSUTOMU TANAKA	
Inventor's signature: Residence: Post Office Address:	Santa Clara, CA 95051 744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizenship:	Japan
Full name of fourth ir	eventor: BOK HEON KIM	
Inventor's signature: Residence: Post Office Address:	San Jose, CA 95129  4241 Norwalk Drive, #208, San Jose, CA 95129 United States  Country of Citizenship:  Country of Citizenship:  PING XII	6/24/0/ Korea Rose (A 95/27)
Full name of fifth inv	entor: PING XU	
Inventor's signature: Residence: Post Office Address:	Fremont, CA 94539 48888 Crown Ridge Common, Fremont, CA 94539 United States Country of Citizenship:	China
Full name of sixth inv	rentor: JASON FOSTER	
Inventor's signature: Residence: Post Office Address:	Santa Clara, CA 95051 3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenship:	United States
Full name of seventh	inventor: HEATH B. DESHONG	
Inventor's signature: Residence:	Livermore, CA 94550	
Post Office Address:	663 Bethal Place, Livermore, CA 94550 United States Country of Citizenship:	United States
Full name of eighth in	ventor: MARTIN SEAMONS	
Inventor's signature: Residence: Post Office Address:	San Jose, CA 95123 374 Brookmere Drive, San Jose, CA 95123 United States Country of Citizenship:	United States
	ypilipi	

As a below named inven	or, I hereby declare that:
------------------------	----------------------------

This declaration is of the following type:

[X]	original
[]	divisional
[]	continuation
[]	continuation-in-part

#### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

#### ENHANCED REMOTE PLASMA CLEANING

#### SPECIFICATION IDENTIFICATION

The specification of which:

[X] [ ]	is attached hereto was filed on	, under Application No.	, executed on even
	date herewith; or		
	[ ] Express Mail No	(as Application No. not	yet known)
	and was amended on	(if applicable)	
[]	was described and claimed	in PCT International Application No	filed on
	and as	amended under PCT Article 19 on	·

# ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

least one cou foreign appli at least one c	) for patent or inventor's certificate or of any PCT international application(s) designating at ntry other than the United States of America listed below, and have also identified below any cation(s) for patent or inventor's certificate or any PCT international application(s) designating ountry other than the United States of America filed by me on the same subject matter having perfore that of the application(s) of which priority is claimed.
[ X ]	No such applications have been filed.

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

Such applications have been filed as follows:

Country/PCT	Application No	Date Filed	Priority Claimed
			[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

[]

Application No:

Filing date:

# PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

	plications have been fi ations have been filed			
			Status	
Application No.	Filing Date	Patented	Pending	Abandoned

# g<sub>en</sub>i. Hinton Hinton Photo Medical Tank trees the

#### POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
John R. Schiffauer	Registration No. 32,170
Joseph Bach	Registration No. 37,771
Sarah J. Brashears	Registration No. 38,087
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Roger T. Barrett	Registration No. 41,599
Patrick M. Boucher	Registration No. 44,037
Douglas M. Hamilton	Registration No. 47,629
Send correspondence to:	Direct telephone calls to:

Patent Counsel, MS/2061

Legal Affairs Dept. Applied Materials, Inc.

P.O. Box 450A

Santa Clara, CA 95052

Douglas M. Hamilton

(303) 571-4000

# **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fi	rst inventor: THOMA	S NOWAK	
Inventor's signature:		Date:	
Residence:	Cupertino, CA 95014		
Post Office Address:	20677 Forge Way #217, C	upertino, CA 95014	
	United States	Country of Citizenship:	United States
Full name of second in	nventor: IAN LATCHFOR	SD.	
	1	0	i i
Inventor's signature:	tan lihit	Date:	7/12/01
Residence:	Sunnyvale, CA 94087		
Post Office Address:	1207 Sesame Drive, Sunny	yvale, CA 94087	
	United States	Country of Citizenship:	Great Britain

Country of Citizenship:

Great Britain

• ;		
· Full name of third inv	entor: TSUTOMU TANAKA	
Inventor's signature: Residence:	Santa Clara, CA 95051	Date:
Post Office Address:	744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizen	
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature:		Date:
Residence:	San Jose, CA 95129	0
Fost Office Address.	4241 Norwalk Drive, #208, San Jose, CA 9512 United States Country of Citizen	
Full name of fifth inve	entor: PING XU	
Inventor's signature:		Date:
Residence: Post Office Address:	Fremont, CA 94539 48888 Crown Ridge Common, Fremont, CA 94	1530
1 031 Office Address.	United States Country of Citizens	
Full name of sixth inv	entor: JASON FOSTER	,
Inventor's signature:	,	Date:
Residence:	Santa Clara, CA 95051	
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizens	ship: United States
Full name of seventh i	nventor: HEATH B. DESHONG	
Inventor's signature:	1	Date:
Residence:	Livermore CA 94550	

Post Office Address: 663 Bethal Place, Livermore, CA 94550

United States

Country of Citizenship:

United States

Full name of eighth inventor: MARTIN SEAMONS

Inventor's signature:

Date:

Residence:

San Jose, CA 95123

Post Office Address:

374 Brookmere Drive, San Jose, CA 95123

United States

Country of Citizenship:

United States

As a below named inventor, I hereby declare that:

	laration				

[X]	original
[]	divisional
[]	continuation
[ ]	continuation-in-part

# INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

## ENHANCED REMOTE PLASMA CLEANING

#### SPECIFICATION IDENTIFICATION

The specification of which:

[ <b>X</b> ]	is attached hereto		
[]	was filed on	, under Application No.	, executed on even
	date herewith; or	•	
	[ ] Express Mail No	(as Application No. not	yet known)
	and was amended on	(if applicable)	
[]	was described and claimed i	n PCT International Application No.	filed on
	and as a	mended under PCT Article 19 on	

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

least foreig at lea	one country other that gn application(s) for particular strength	an the United States of A patent or inventor's certif	america listed below, an ficate or any PCT internations of America filed by me o	onal application(s) designating at ad have also identified below any ational application(s) designating in the same subject matter having
	[X] No such a	applications have been fi	led.	
	[ ] Such app	lications have been filed	as follows:	
A.		Capplication(s) filed with laims under 35 U.S.C. §		design) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
В.	All foreign applic U.S. application	ation(s), if any, filed mo	ore than 12 mos. (6 mos	for design) prior to this
	Country: Application No: Filing date:			
		PRIORITY CLA	AIM (35 U.S.C. §120)	
PCT is as the in the to dis there to allow	international application is subject matter of each manner provided by iclose information the is substantial likelihow the application to the national or PCT in	ion(s) designating the Un ch of the claims of this ap the first paragraph of Ti at is material to the exar ood that a reasonable Ex issue as a patent) which on ternational filing date o	ited States of America the plication is not disclosed the 35, United States Comination of this application aminer would consider occurred between the filing of this application.	ny United States application(s) or hat is/are listed below and, insofar d in that/those prior application(s) de, §112, I acknowledge the duty tion (namely, information where it important in deciding whether ing date of the prior application(s)
		applications have been filed		
	A 11 21 3.T		·· ·	atus
	Application No.	Filing Date	<u>Patented</u>	<u>Pending</u> <u>Abandoned</u>

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
John R. Schiffauer	Registration No. 32,170
Joseph Bach	Registration No. 37,771
Sarah J. Brashears	Registration No. 38,087
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Roger T. Barrett	Registration No. 41,599
Patrick M. Boucher	Registration No. 44,037
Douglas M. Hamilton	Registration No. 47,629
Send correspondence to:	Direct telephone calls to:
Patent Counsel, MS/2061	Douglas M. Hamilton
Legal Affairs Dept.	(303) 571-4000
Applied Materials, Inc.	

P.O. Box 450A

Santa Clara, CA 95052

# **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

1

Full name of sole or fi	irst inventor: THOMA	AS NOWAK		
Inventor's signature:	G. 61.05014	Date:	-	
Residence:	Cupertino, CA 95014	C		*
Post Office Address:	20677 Forge Way #217, (	- ·		
	United States	Country of Citizenship:	United States	
Full name of second in	nventor: IAN LATCHFO	RD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Sunn	yvale, CA 94087		
	United States	Country of Citizenship:	Great Britain	

Inventor's signature:	C C1. CA 05051	Date:	
Residence: Post Office Address:	Santa Clara, CA 95051		
Post Office Address:	744 Nicholson Avenue, Sa United States		Tauran
	Office States	Country of Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIN	А	
Inventor's signature:		Date:	
Residence:	San Jose, CA 95129		
Post Office Address:	4241 Norwalk Drive, #20	8, San Jose, CA 95129	
	United States	Country of Citizenship:	Korea
Full name of fifth inve	entor: PING XU	•	
Inventor's signature:	7. Pino		C/arboar
Residence:	Fremont, CA 94539	Date:	China United States
Post Office Address:	48888 Crown Ridge Com	mon Frament CA 04520	•
1 05t Office Address.	United States	Country of Citizenship:	Gin 1, + of States
	Office States	country of Chizenship.	Cimia Willey Stores
Full name of sixth inv	entor: JASON FOSTER		F -71 ,
	11201(105121	•	
Inventor's signature:		Date:	
Residence:	Santa Clara, CA 95051		
Post Office Address:	3707 Poinciana Drive, Sar	nta Clara, CA 95051	
	United States	Country of Citizenship:	United States
Full name of seventh	inventor: HEATH B. DESI	HONG	
Inventor's signature:		Data	
Residence:	Livermore, CA 94550	Date:	
Post Office Address:	663 Bethal Place, Livermo	ora CA 04550	
1 05t Office / Iddiess.	United States	*	United States
	Office States	Country of Citizenship:	United States
Full name of eighth in	ventor: MARTIN SEAM	ONS	
Inventor's signature:		Date:	
Residence:	San Jose, CA 95123		
Post Office Address:	374 Brookmere Drive, San	1 Jose, CA 95123	
	United States	Country of Citizenship:	United States

Full name of third inventor: TSUTOMU TANAKA

(Declaration ends with this page)

Country of Citizenship:

As a below named inventor, I hereby declare that:

This declaration	ı is	of	the	fol	low	ıng	type	:
------------------	------	----	-----	-----	-----	-----	------	---

[X]	original
[]	divisional
[ ]	continuation
1	continuation-in-part

# INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# TITLE OF INVENTION

#### ENHANCED REMOTE PLASMA CLEANING

# SPECIFICATION IDENTIFICATION

The specification of which:

[X]	is attached hereto was filed on	, under Application No.	, executed on even
į. J	date herewith; or	, and rapproduced the	
	[ ] Express Mail No	(as Application No. not y	yet known)
	and was amended on	(if applicable)	
[]	was described and claimed	n PCT International Application No.	filed on
	and as a	mended under PCT Article 19 on	•

#### ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

least foreign at lea	one country other the gn application(s) for past one country other	an the United States of A patent or inventor's certifi	merica listed below, and icate or any PCT internal America filed by me of	onal application(s) designating at and have also identified below any ational application(s) designating on the same subject matter having
	[X] No such a	applications have been fil	led.	
	[ ] Such app	lications have been filed	as follows:	
A.		Capplication(s) filed with laims under 35 U.S.C. §		design) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
B.	All foreign applic U.S. application	ation(s), 1f any, filed mo	re than 12 mos. (6 mos	s for design) prior to this
	Country: Application No: Filing date:			
		PRIORITY CLA	AIM (35 U.S.C. §120)	
as the in the to dis there to alle	international application in the subject matter of each manner provided by sclose information the is substantial likelihow the application to	ion(s) designating the Uni ch of the claims of this app the first paragraph of Tit at is material to the exan ood that a reasonable Exa	ited States of America to plication is not disclose the 35, United States Continuation of this application aminer would consider occurred between the file	ny United States application(s) or hat is/are listed below and, insofar d in that/those prior application(s) ode, §112, I acknowledge the duty tion (namely, information where it important in deciding whether ing date of the prior application(s)
		applications have been fil lications have been filed,		
	A and the section D.T.			tatus
	Application No.	Filing Date	<u>Patented</u>	<u>Pending</u> <u>Abandoned</u>

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
John R. Schiffauer	Registration No. 32,170
Joseph Bach	Registration No. 37,771
Sarah J. Brashears	Registration No. 38,087
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Roger T. Barrett	Registration No. 41,599
Patrick M. Boucher	Registration No. 44,037
Douglas M. Hamilton	Registration No. 47,629
Send correspondence to:	Direct telephone calls to:
Patent Counsel, MS/2061	Douglas M. Hamilton

Legal Affairs Dept. Applied Materials, Inc.

P.O. Box 450A

Santa Clara, CA 95052

(303) 571-4000

į

# **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fi	rst inventor: THOMA	S NOWAK		
Inventor's signature Residence: Post Office Address:	Eupertino, CA 95014 20677 Forge Way #217, C United States	upertino, CA 95014 Country of Citizer		June 22,200/ United States
Full name of second in	ventor: IAN LATCHFOR	aD.		
Inventor's signature:			Date:	
Residence:	Sunnyvale, CA 94087		•	
Post Office Address:	1207 Sesame Drive, Sunny United States	vale, CA 94087 Country of Citizer	nship:	Great Britain

•		
Full name of third inv	rentor: TSUTOMU TANAKA	
Inventor's signature: Residence:	Santa Clara, CA 95051	
Post Office Address:	744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature: Residence:	San Jose, CA 95129 Date:	
Post Office Address:	4241 Norwalk Drive, #208, San Jose, CA 95129 United States Country of Citizenship:	Korea
Full name of fifth inve	entor: PING XU	
Inventor's signature: Residence:	Fremont, CA 94539	
Post Office Address:	48888 Crown Ridge Common, Fremont, CA 94539 United States Country of Citizenship:	China
Full name of sixth inv	entor: JASON FOSTER	
Inventor's signature: Residence:	Santa Clara, CA 95051	
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenship:	United States
Full name of seventh i	nventor: HEATH B. DESHONG	
Inventor's signature: Residence:	Livermore, CA 94550	

Full name of eighth inventor: MARTIN SEAMONS

United States

Inventor's signature: \_\_\_\_\_ Date:

663 Bethal Place, Livermore, CA 94550

Residence: San Jose, CA 95123

Post Office Address:

Post Office Address: 374 Brookmere Drive, San Jose, CA 95123

United States Country of Citizenship: United States

Country of Citizenship:

United States

Ş

#### COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

[X]	original
[]	divisional
[]	continuation
[]	continuation-in-part

#### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

# ENHANCED REMOTE PLASMA CLEANING

#### SPECIFICATION IDENTIFICATION

The specification of which:

[X]	is attached hereto		
[]	was filed on	, under Application No.	, executed on even
	date herewith; or		
	[ ] Express Mail No	(as Application No. not	t yet known)
	and was amended on	(if applicable)	
[]	was described and claimed	in PCT International Application No.	filed on
	and as a	mended under PCT Article 19 on	•

# ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

least o foreign at leas	one country other than application(s) for p t one country other	an the United States of A patent or inventor's certif than the United States of	merica listed below, an icate or any PCT interna America filed by me o	onal application(s) designating at ad have also identified below any ational application(s) designating in the same subject matter having
a IIIII		f the application(s) of wh		
	[X] No such a	applications have been fi	led.	
	[ ] Such appl	lications have been filed	as follows:	
A.		application(s) filed with laims under 35 U.S.C. §		design) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
В.	All foreign applic U.S. application	ation(s), if any, filed mo	re than 12 mos. (6 mos	for design) prior to this
	Country: Application No: Filing date:			
		PRIORITY CLA	AIM (35 U.S.C. §120)	
as the s in the r to disc there is to allow	nternational applications of each subject matter of each manner provided by lose information this substantial likelihow the application to be national or PCT in	con(s) designating the United of the claims of this appeted the first paragraph of Titat is material to the example of that a reasonable Existence as a patent) which of ternational filing date of	ited States of America the plication is not disclosed the 35, United States Communition of this application arminer would consider accurred between the filif this application.	by United States application(s) or nat is/are listed below and, insofar d in that/those prior application(s) de, §112, I acknowledge the duty tion (namely, information where it important in deciding whether ng date of the prior application(s)
		pplications have been filed,		
				atus
	Application No.	Filing Date	Patented	Pending <u>Abandoned</u>

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
John R. Schiffauer	Registration No. 32,170
Joseph Bach	Registration No. 37,771
Sarah J. Brashears	Registration No. 38,087
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Roger T. Barrett	Registration No. 41,599
Patrick M. Boucher	Registration No. 44,037
Douglas M. Hamilton	Registration No. 47,629
Send correspondence to:	Direct telephone calls to:
Patent Counsel, MS/2061	Douglas M. Hamilton
Legal Affairs Dept.	(303) 571-4000

Applied Materials, Inc.

Santa Clara, CA 95052

P.O. Box 450A

# **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

5

Full name of sole or f	irst inventor: THOMA	AS NOWAK		
Inventor's signature: Residence: Post Office Address:	Cupertino, CA 95014 20677 Forge Way #217, Ounited States	Date: Cupertino, CA 95014 Country of Citizenship:	United States	ŧ
Full name of second is	nventor: IAN LATCHFO	RD		
•				
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087	_		
Post Office Address:	1207 Sesame Drive, Sunr	iyvale, CA 94087		
	United States	Country of Citizenship:	Great Britain	

• Full name of third inventor:

Inventor's signature:	Date:	
Residence:	Santa Clara, CA 95051	
Post Office Address:	744 Nicholson Avenue, Santa Clara, CA 95051	
	United States Country of Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature:	Date:	
Residence:	San Jose, CA 95129	
Post Office Address:	4241 Norwalk Drive, #208, San Jose, CA 95129 United States Country of Citizenship:	Korea
	Country of Chizenship.	Korea
Full name of fifth inve	entor: PING XU	
Inventor's signature:	Date:	
Residence:	Fremont, CA 94539	
Post Office Address:	48888 Crown Ridge Common, Fremont, CA 94539	
	United States Country of Citizenship:	China
Full name of sixth inv	entor: JASON FOSTER	
Inventor's signature	(he 74	July 2, 2001
Inventor's signature: Residence:	Santa Clara, CA 95051	July 2, 2001
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA 95051	
	United States Country of Citizenship:	United States
T 11		
Full name of seventh i	inventor: HEATH B. DESHONG	
Inventor's signature:	Date:	
Residence:	Livermore, CA 94550	1141-1144-1144
Post Office Address:	663 Bethal Place, Livermore, CA 94550	
	United States Country of Citizenship:	United States
Full name of eighth in	ventor: MARTIN SEAMONS	
Inventor's signature:	Data	
Residence:	San Jose, CA 95123	
Post Office Address:		
	374 Brookmere Drive, San Jose, CA 95123 United States Country of Citizenship:	United States

TSUTOMU TANAKA

(Declaration ends with this page)